

THE OCCURRENCE OF *ARCHILESTES GRANDIS* RAMBUR (ZYGOPTERA: LESTIDAE) IN VIRGINIA¹

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ABSTRACT: The occurrence of *Archilestes grandis* Rambur in Virginia is documented. One specimen was captured two years prior to the previous first known record of *A. grandis* east of the Appalachian mountains.

DESCRIPTORS: Odonata, Zygoptera, *Archilestes Grandis* Rambur, Distribution, Virginia.

Previous lists of Virginia damselfly fauna have been published by Calvert (1890), Williamson (1903), Byers (1951), Gloyd (1951) and Donnelly (1961). None of these reports document the occurrence of *Archilestes grandis* in Virginia. *Archilestes grandis* is generally thought to occur in areas west of the Allegheny Mountain range (Smith and Pritchard 1955; Gloyd and Wright 1959), although it has been documented east of the range in Maryland and North Carolina (Donnelly 1961; Wray 1967). Donnelly (1961) reported the first known record of *A. grandis* east of the Appalachians as being taken at College Park, Maryland on 10 Oct. 1949.

While studying the Zygoptera in the Virginia Polytechnic Institute and State University Entomology collection several specimens of *A. grandis* that had been misidentified as *Lestes* spp. were found providing a new state record. One of these specimens, a female collected from Charlottesville, Virginia 14 Oct. 1947, precedes the earliest known record of *A. grandis* east of the Appalachians by at least 2 years. Additional records from Virginia include: MONTGOMERY CO., V.P.I. and S.U. campus 1♂, 1♀, Oct 1969 and 1♂, 13 Sept 1976; Price Mountain 1♂, 1♀, 8 Aug. 1971. FAIRFAX CO., Falls Church 1♂, 1♀, 20 Aug 1966. All material is deposited in the Department of Entomology collection at V.P.I. & S.U. except for the Fairfax Co. material which is in the U.S. National Museum.

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BOOK REVIEW

THE ORTHOPTEROIDEA OF EUROPE. Part 3. by Kurt Harz and Alfred Kaltenbach. W. Junk, b. v., publishers. The Hague, Netherlands. 1976. 434 pages. \$61.81

This third volume co-authored with Dr. A. Kaltenbach of Vienna completes the trio of books on the Orthoptera of Europe. It is a milestone in the published information on this order. Volume 3 actually covers more than strictly the Orthoptera. It deals with the Phasmatoptera, Dermaptera, Mantodea, Blattoptera, and Isoptera. This final volume contains chapters American readers might expect to find in an opening volume in the series. Among them are a key to Orthopteroid orders, and an extensive literature section. An Addenda is provided noting recent species descriptions, errata, and other information published since the completion of the first two volumes.

This third volume follows much the same format of the first two. Basically, it is written in German with generic diagnoses, keys, and epilogue with English translation. There is a chapter by M. Samways on the habitats and song of the five species of *Platypleis* (sensu strictu) which is meant to aid in the identification of these shield-backed tettigoniids.

The bibliography for the three volumes is particularly impressive. References for the Saginae (a small group of large, striking tettigoniids) and the Mantodea are separate from the others, reflecting Dr. Kaltenbach's contribution to this project. The epilogue contains comments on the authors' species concept and a very brief section on the preparation of specimens.

The hundreds of line drawings which accompany the keys and text should be very useful in the identification of species. The chief criticism of the third volume is as it was with the first two, the excessive price. It appears that this will restrict the use of these books and discourage those for whom they were originally intended, students of Orthoptera. The combined cost for the entire set is \$210.48

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